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(71) Applicant (for all designated States except US): E.I. DU PONT
DE NEMOURS AND COMPANY [US/US]; 1007 Market
Street, Wilmington, DE 19898 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ALLEN, Stephen, M.
[US/US]; 2225 Rosewood Drive, Wilmington, DE 19810
(US). HEPPARD, Elmer, P. [US/US]; 613 Governor Circle,
Wilmington, DE 19809 (US). MIAO, Guo-Hua [US/US];
202 Cherry Blossom Place, Hockessin, DE 19707 (US).
WENG, Zude [CN/US]; 909C Cloister Road, Wilmington,
DE 19809 (US).(74) Agent: FEULNER, Gregory, J.; E.I. du Pont de Nemours and
Company, Legal Patent Records Center, 1007 Market Street,
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DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
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(54) Title: PLANT CATABOLITE REPRESSION GENES

(57) Abstract

This invention relates to an isolated nucleic acid fragment encoding a protein involved in catabolite repression. The invention also relates to the construction of a chimeric gene encoding all or a portion of the protein involved in catabolite repression, in sense or antisense orientation, wherein expression of the chimeric gene results in production of altered levels of the protein involved in catabolite repression in a transformed host cell.

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/54 C12N9/12 C07K14/415 C12N5/10 C12Q1/68 C12Q1/48		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	OSBORNE ET AL.: "Hypothetical 43.0 kD protein" EMBL SEQUENCE DATABASE, 1 July 1997 (1997-07-01), XP002137117 HEIDELBERG DE Ac 004028 the whole document --- -/--	1,10,24
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input type="checkbox"/> Patent family members are listed in annex.		
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Date of the actual completion of the international search		Date of mailing of the international search report
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Ceder, O

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CELENZA ET AL.: "Molecular analysis of the SNF4 gene" EMBL SEQUENCE DATABASE, June 1989 (1989-06), XP002137118 HEIDELBERG DE Ac RGBYC3 the whole document	1,10,24
A	-& CELENZA ET AL.: "Molecular analysis of the SNF4 gene" MOL CELL BIOL, vol. 9, no. 11, 1989, pages 5045-5054, XP000910655 cited in the application abstract	1,10,24
A	HOTTA ET AL.: "Molecular analysis of a novel protein kinase in maturing rice seed" GENE, vol. 213, 15 June 1998 (1998-06-15), pages 47-54, XP004125002 abstract	5,14,15, 20

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